

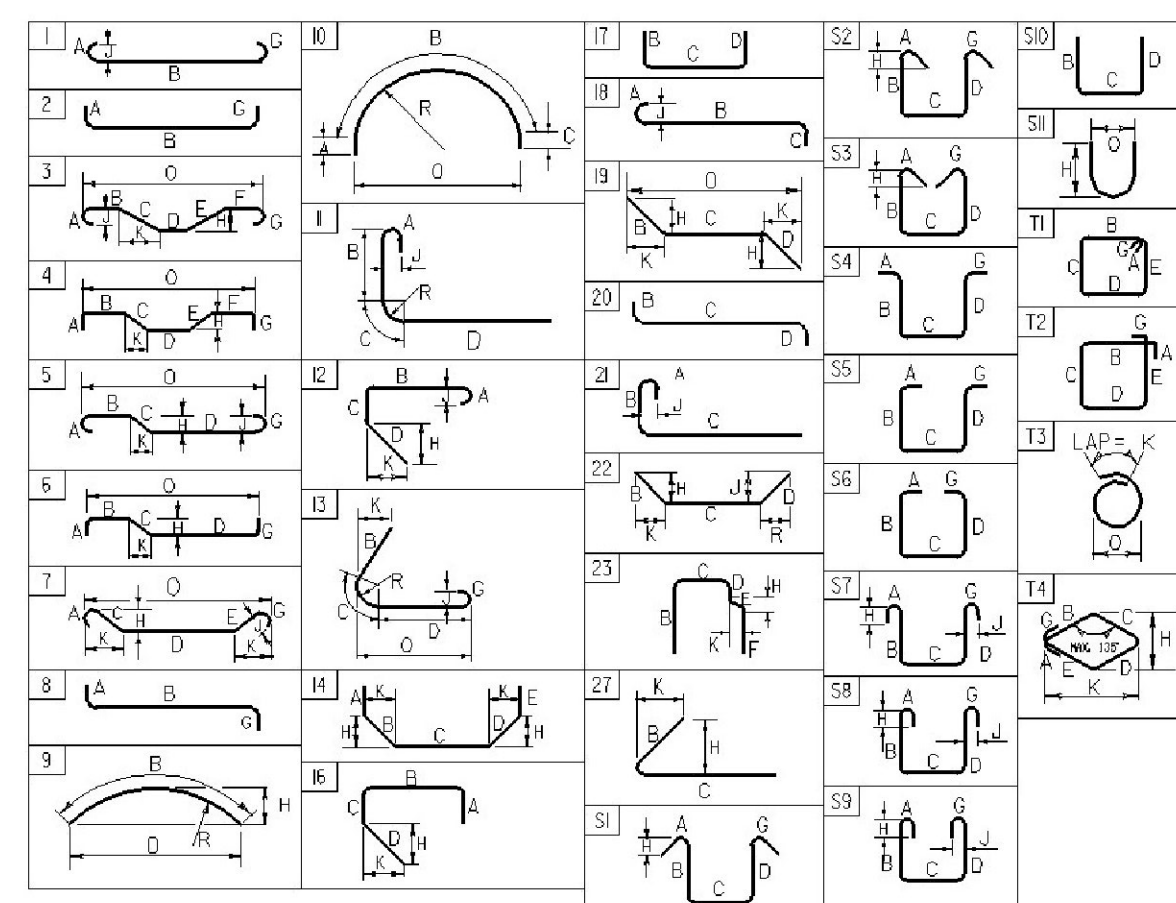
REINFORCING STEEL SCHEDULE

STATE OF VERMONT
AGENCY OF TRANSPORTATION

ITEM	EACH	SIZE	LENGTH	MARK	TYPE	A	B	C	D	E	F	G	H	J	K	R	O	ITEM	EACH	SIZE	LENGTH	MARK	TYPE	A	B	C	D	E	F	G	H	J	K	R	O		
DECK																																					
▲	278	5	25'-2"	E5501	STR																																
▲	140	6	38'-3"	E5502	STR																																
▲	22	5	28'-10"	E5503	STR																																
▲	48	5	11'-0"	E5504	S5	2'-2"	3'-3"	0'-6"	2'-11"			2'-2"																									
▲	278	7	9'-9"	E5701	S5	3'-6"	1'-2"	0'-9"	0'-10"			3'-6"																									
ABUTMENT #1																																					
▲	6	5	34'-0"	1A501	STR																																
▲	26	5	3'-9"	1A502	STR																																
▲	22	5	7'-3"	1A503	STR																																
▲	14	5	5'-3"	1A504	17				9"	2'-6"	---																										
▲	27	5	4'-0"	1A505	17				1'-3"	1'-6"	1'-3"																										
▲	10	5	5'-8"	1A506	17				2'-2"	1'-4"	2'-2"																										
▲	2	5	4'-6"	1A507	22				2'-6"	2'-0"	---																										
ABUTMENT #2																																					
▲	6	5	38'-4"	2A501	STR																																
▲	26	5	4'-7"	2A502	STR																																
▲	26	5	6'-10"	2A503	STR																																
▲	16	5	3'-11"	2A504	17				9"	2'-4"	---																										
▲	30	5	3'-10"	2A505	17				1'-2"	1'-6"	1'-2"																										
▲	12	5	5'-8"	2A506	17				2'-2"	1'-4"	2'-2"																										
▲	2	5	4'-11"	2A507	22				2'-10"	2'-1"	---																										

~ NOTES ~

1. UNLESS OTHERWISE DESIGNATED, ALL BAR REINFORCEMENT FOR CONCRETE N SIZES UP TO AND INCLUDING NO. 18 SHALL CONFORM TO THE REQUIREMENTS OF THE "SPECIFICATIONS FOR DEFORMED BILLET-STEEL BARS FOR CONCRETE REINFORCEMENT", AASHTO M 31 (ASTM A 615-51). ALL BARS SHALL BE GRADE 60, UNLESS OTHERWISE DESIGNATED.
2. FOR TYPICAL BENDING DETAILS, RECOMMENDED PIN DIAMETER "D" OF BENDS AND HOOKS, AND OTHER STANDARD PRACTICE, SEE CURRENT CONCRETE REINFORCING STEEL INSTITUTE "MANUAL OF STANDARD PRACTICE".
3. BARS WHICH REQUIRE MORE ACCURATE BENDING THAN STANDARD PRACTICES SHOULD HAVE LIMITS INDICATED.
4. ALL DIMENSIONS ARE OUT TO OUT OF BAR EXCEPT "A" AND "G" ON STANDARD 180 DEGREE AND 135 DEGREE HOOKS.
5. "J" DIMENSION ON 180 DEGREE HOOKS TO BE SHOWN ONLY WHERE NECESSARY TO RESTRICT HOOK SIZE. OTHERWISE, STANDARD HOOKS ARE TO BE USED.
6. "H" DIMENSION ON STIRRUPS TO BE SHOWN ONLY WHEN NECESSARY TO MAINTAIN CLEARANCES.
7. WHERE SLOPE DIFFERS FROM 45 DEGREES, DIMENSIONS "Y" AND "K" MUST BE SHOWN.
8. ▲ DENOTES BARS TO BE CUT IN FIELD.
9. # DENOTES ONE EXTRA BAR ADDED FOR TESTING PURPOSES.
10. △ DENOTES TWO EXTRA BARS ADDED FOR TESTING PURPOSES.
11. E N BAR MARK PREFIX DENOTES EPOXY COATED REINFORCING STEEL.



ASTM STANDARD REINFORCING BARS				
BAR SIZE (ENGLISH)	WEIGHT PER FOOT (LBS)	NOMINAL DIAMETER (INCHES)	CROSS SECTIONAL AREA (SQ INCHES)	PERIMETER (INCHES)
#3	0.376	0.375	0.11	1.178
#4	0.668	0.500	0.20	1.571
#5	1.043	0.625	0.31	1.963
#6	1.502	0.750	0.44	2.356
#7	2.044	0.875	0.60	2.749
#8	2.670	1.000	0.79	3.142
#9	3.400	1.128	1.00	3.544
#10	4.303	1.270	1.27	3.990
#11	5.313	1.410	1.56	4.430
#14	7.65	1.693	2.25	5.32
#18	13.60	2.257	4.00	7.09

PROJECT NAME: **WARDSBORO**
 PROJECT NUMBER: **BHF 0114(5)**
 FILE NAME: 405j006xcel.dgn PLOT DATE: 10/19/2009
 PROJECT MANAGER: C.P.WILLIAMS DRAWN BY: D.D.BEARD
 DESIGNED BY: E.Charbonneau CHECKED BY: E.Charbonneau
 REINFORCING STEEL SCHEDULE SHEET SHEET 25 OF 33